

In the Specification:

Page 6, line 9, change "Axis' 16" to -- Axes A1, A2, A3, A4, A5, and A6 --.

Page 4, line 8, after "software" insert -- command --.

Page 14, line 7, after "FIG. 5 shows" insert -- an embodiment having 6 rotary joints including --.

Page 14, line 9, after "FIG. 6 shows" insert -- an embodiment having 5 rotary joints and one linear joint, including --.

Page 14, line 14, after "embodiment" insert -- having 3 rotary joints and 3 linear joints, --.

Page 14, line 16, after "FIG. 8 shows" insert -- an embodiment having 5 rotary joints and one linear joint, including --

REMARKS

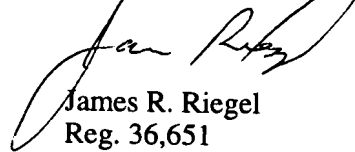
Claims 1, 5-8, 12, 17, 20, 29, 30, 32, 34, 35, 37-39, 41, 43-59 and 61-76 are pending and have been allowed in this application. No claims have been changed by this supplemental amendment.

Applicant has amended the drawings in accordance with the comments on the Draftsperson's Patent Drawing Review in Paper No. 10. Specifically, in Figure 1, Applicant has renamed the six axes from "Axis 1", "Axis 2", etc., to "A1", "A2", and so on. Furthermore, Applicant has removed the surrounding boxes, underlined titles, and extraneous descriptive matter from Figures 2A, 2B, 3, 4A, and 4B. Applicant has also removed the lines between the figures and the lists of joints from Figures 5-8. Formal drawings incorporating these changes and a Letter to the Official Draftsman have been included with this amendment.

Applicant has amended the specification to include that subject matter that has been deleted from the drawings. Specifically, Applicant has inserted the descriptions of the joints describing the embodiments of Figures 5-8 to the detailed description. Also, Applicant has added "command" to the description of drawings for Figure 3. This subject matter is not new matter, since it was included in the drawings when the application was originally filed. Applicant has also inserted a reference to axes A1 through A6 in the detailed description to provide consistency with the drawings.

Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,



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415-493-6400

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APPROVED	O.G. FIG. 1	
BY	CLASS	SUBCLASS
CRAFTSMAN	345	179

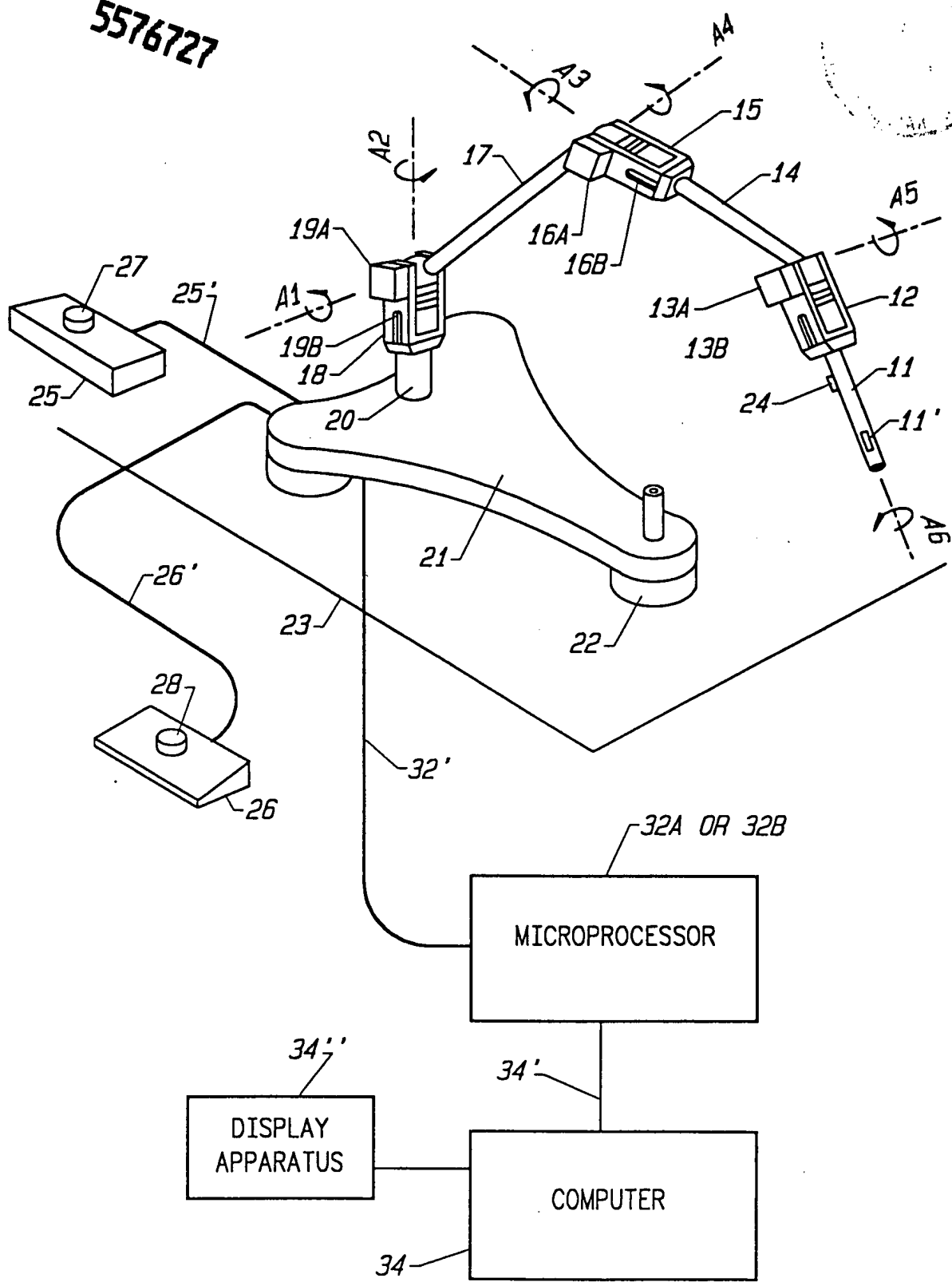


FIG. 1

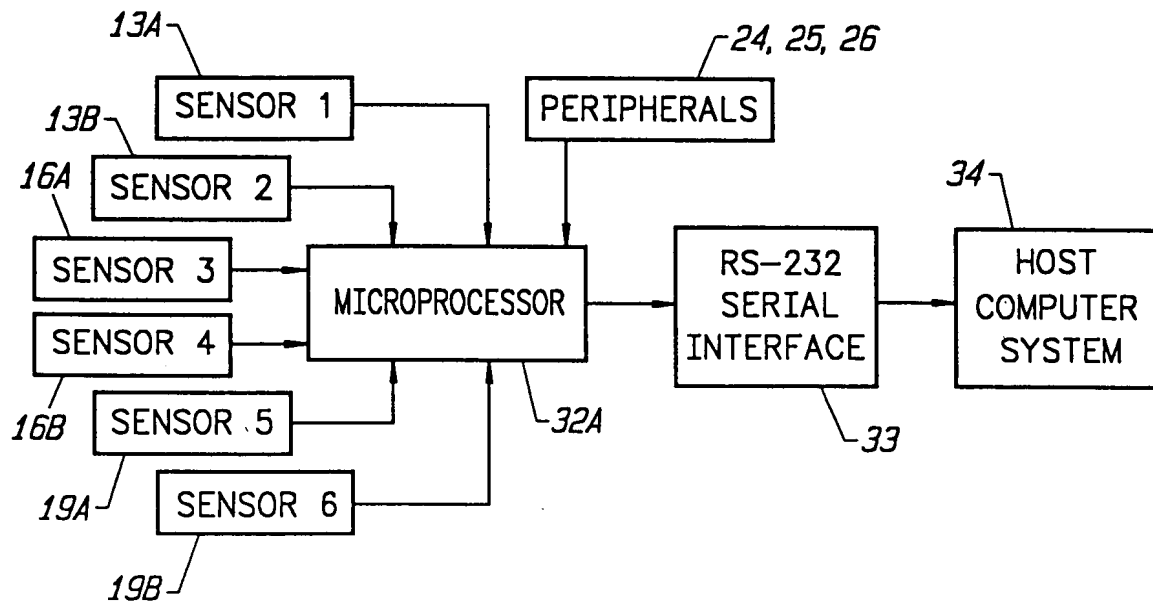


FIG. 2A

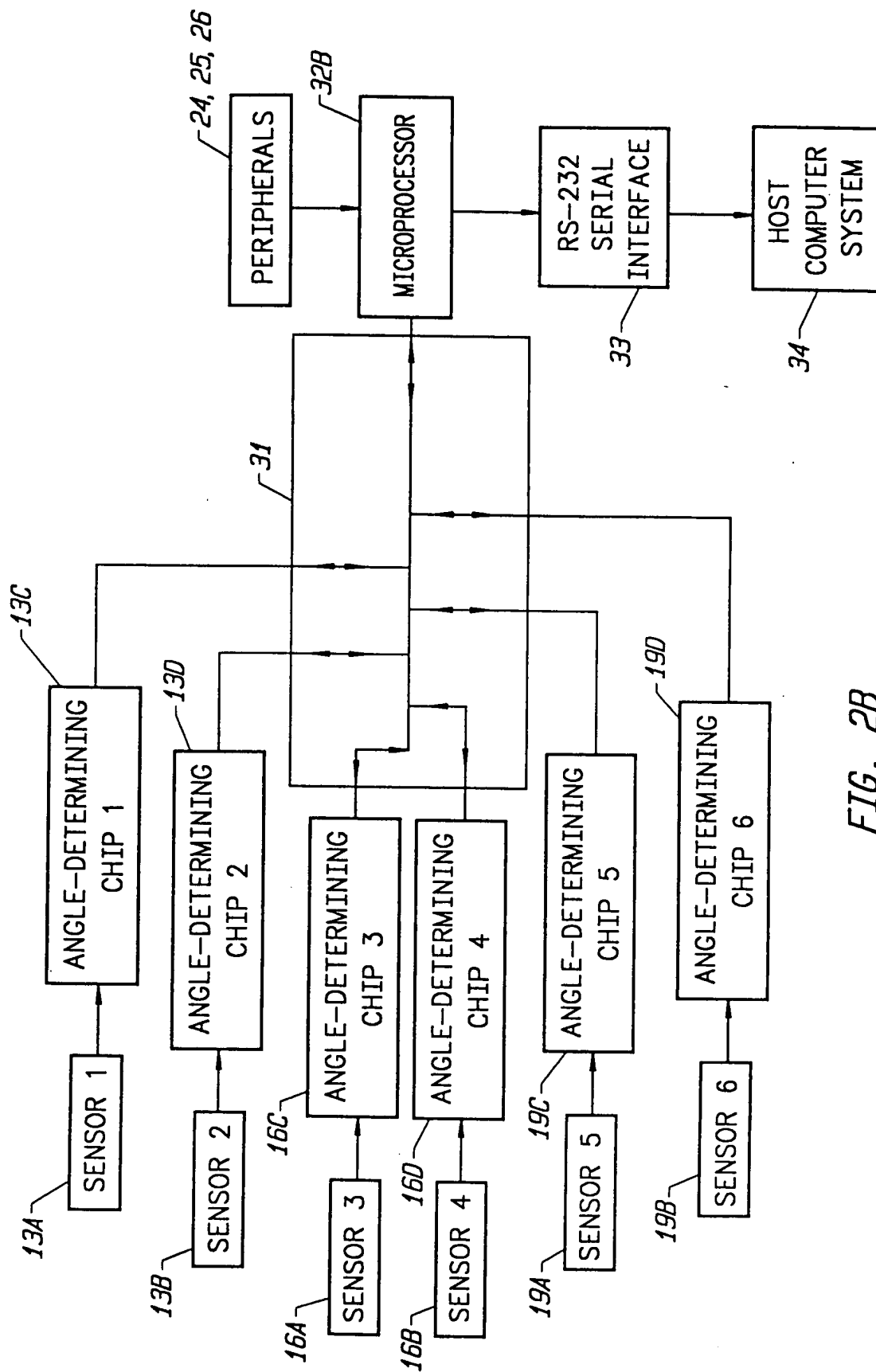


FIG. 2B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

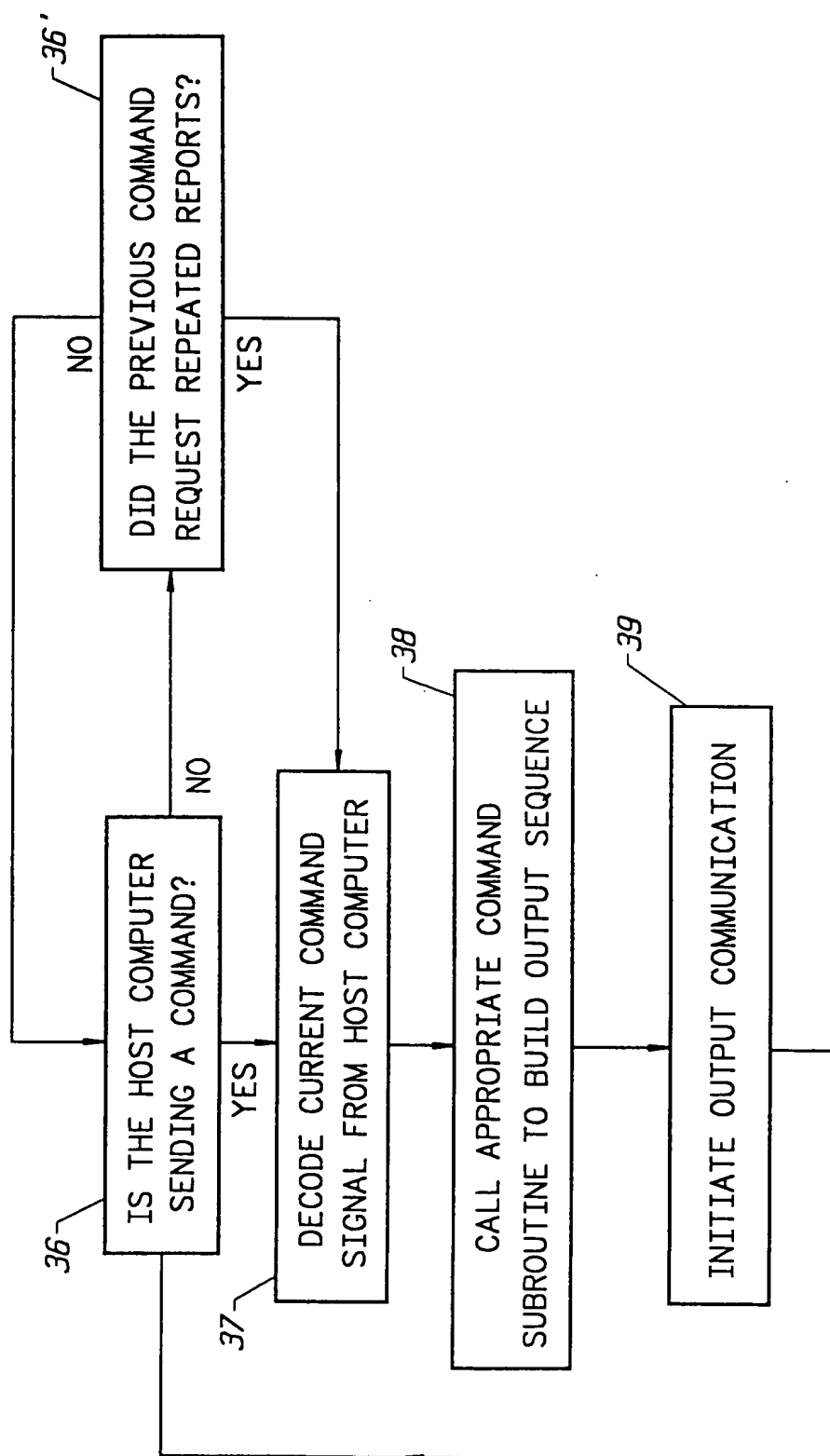


FIG. 3

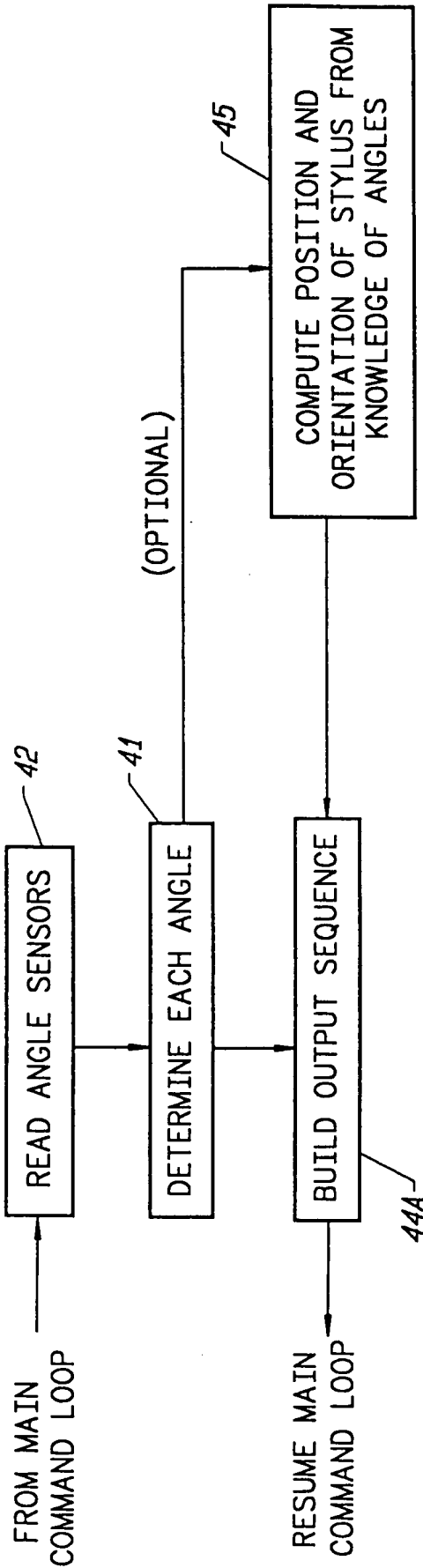


FIG. 4B

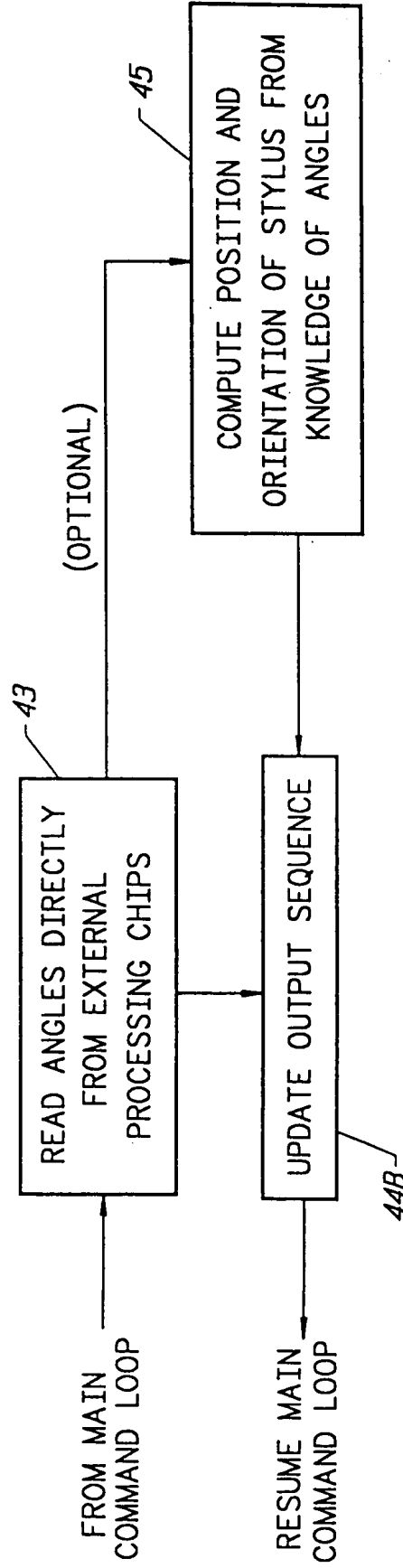


FIG. 4A

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
CRAFTSMAN	

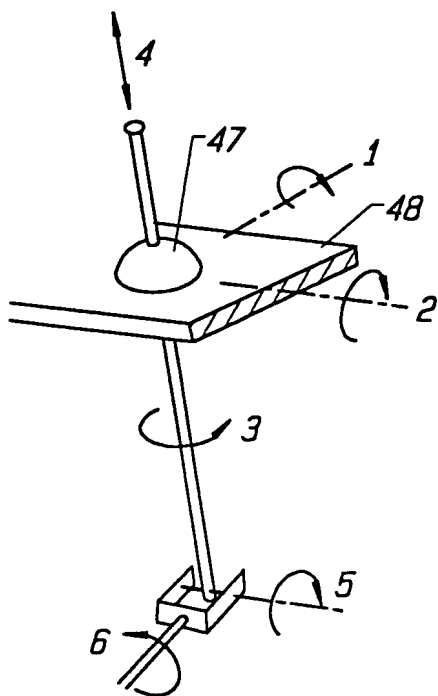


FIG. 6

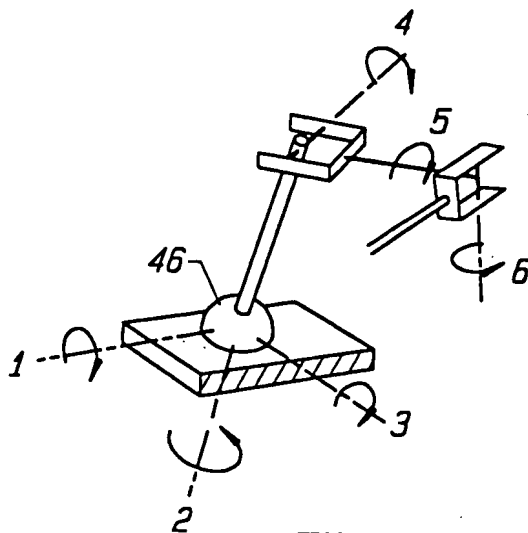


FIG. 5

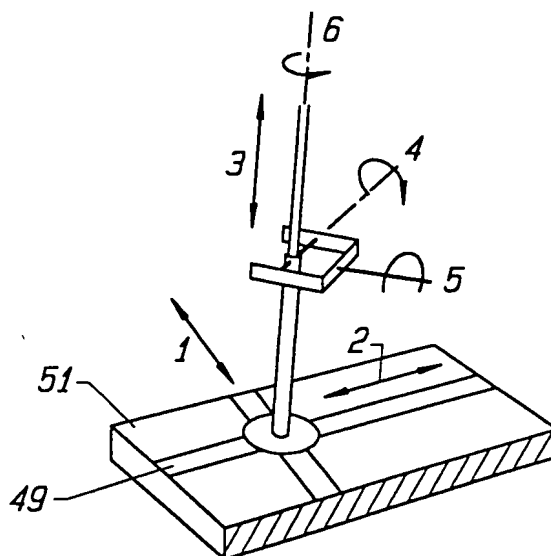


FIG. 7

O.G. FIG.	SUBCLASS
APPROVED BY	GRANTSMAN

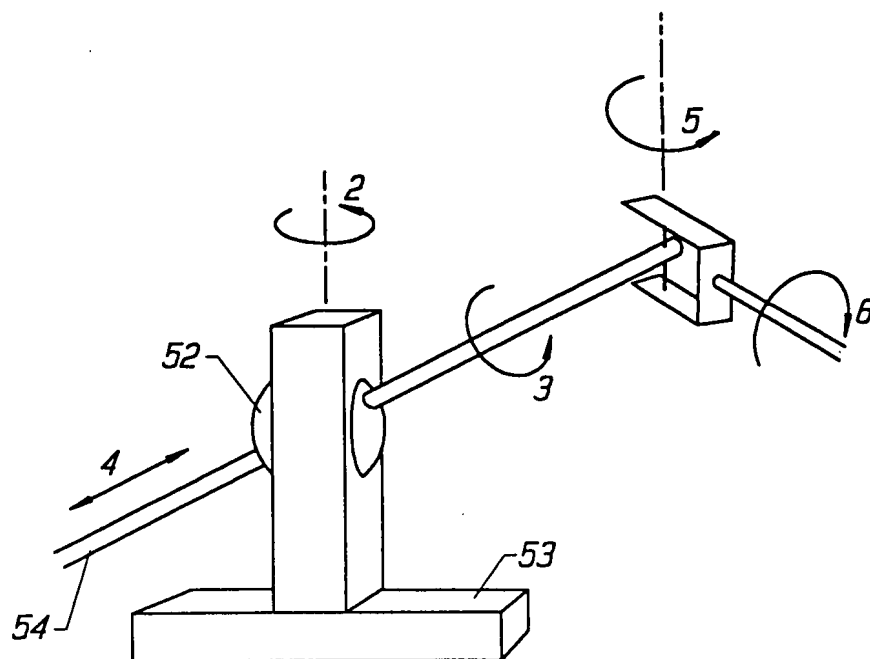


FIG. 8

O.G. FIG.	
CLASS	SUBCLASS
APPROVED BY	DRAFTSMAN

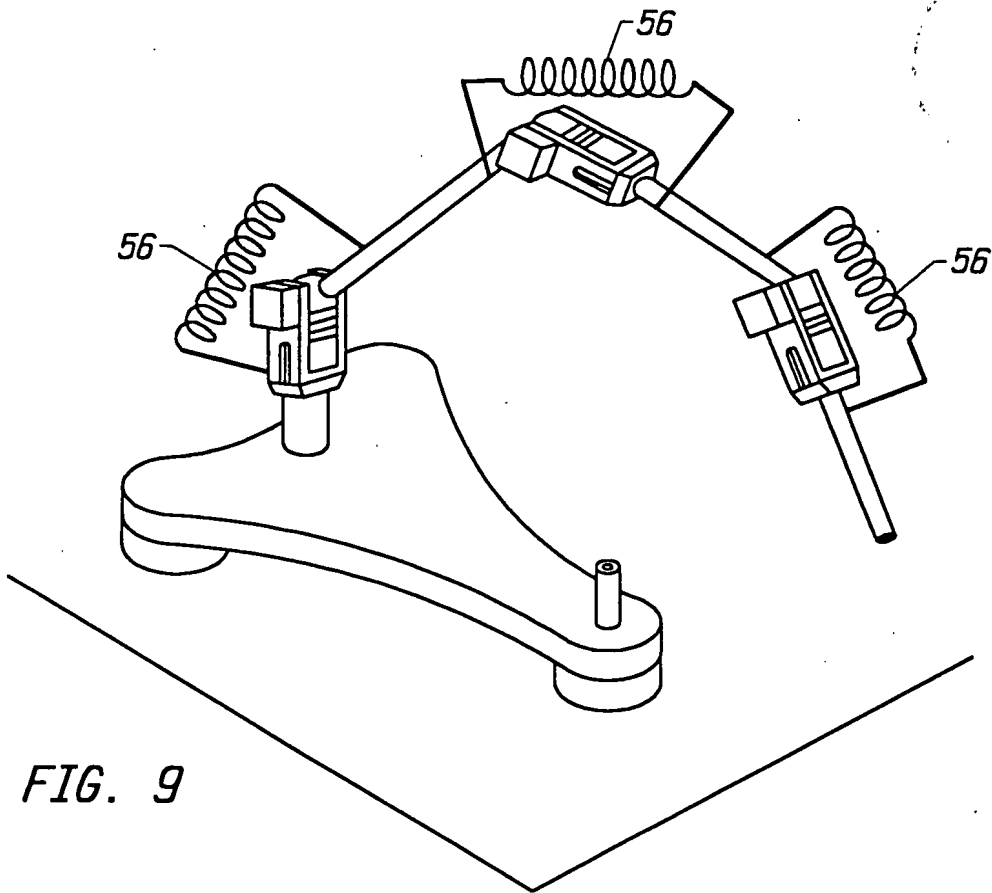


FIG. 9

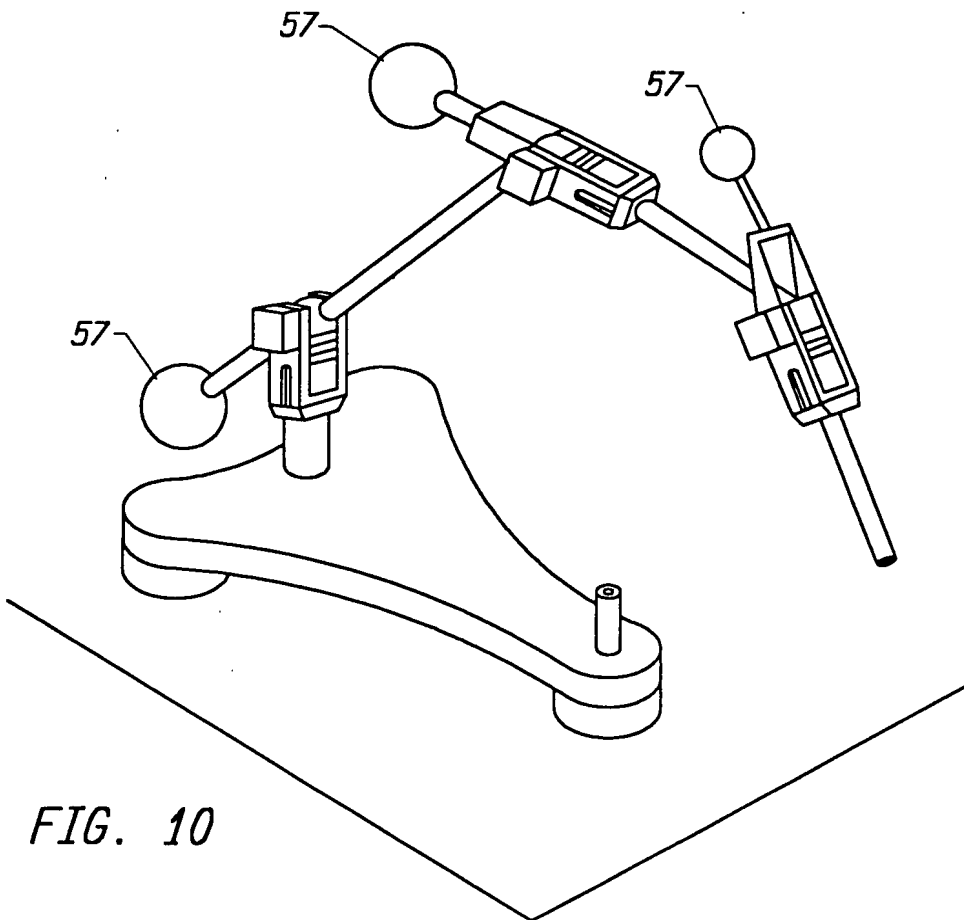


FIG. 10

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

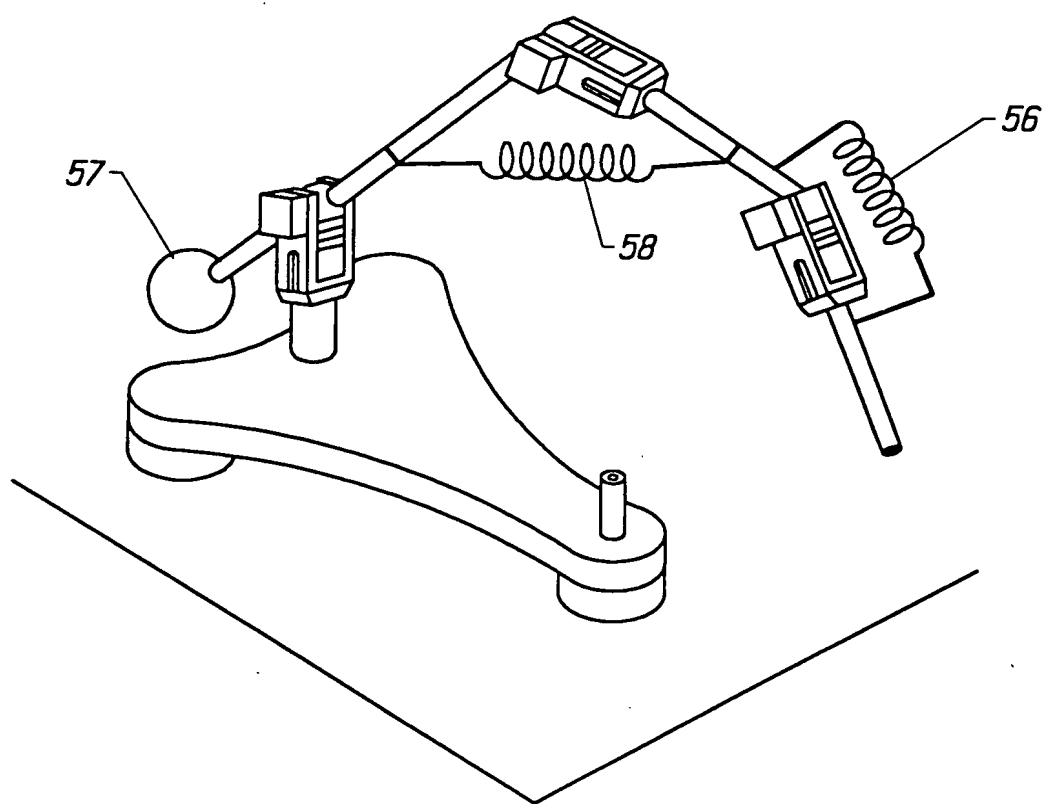


FIG. 11